

Listing of the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended): In a an electrosurgical forceps having first and second jaw members operatively attached adjacent a distal end thereof and a handle assembly adjacent a proximal end thereof, the jaw members being movable between an open position and a closed position, the improvement comprising opposing inner facing surfaces each having a plurality of separate and different wave forms disposed thereon, the first of said plurality of different wave forms including large undulating wave forms with substantially large radiuses of curvature and substantially smooth complementary surfaces and the second of said plurality of different wave forms including small teeth-like wave forms with filleted peaks disposed thereon configured to reduce areas of high current concentration during electrical activation.

Claim 2 (Canceled).

Claim 3 (Currently Amended): A forceps according to claim 2 1 wherein the clamping portion of each of the jaw members is wider than the manipulating portion of each of the jaw members.

Claim 4 (Original): A forceps according to claim 1 wherein the plurality of wave forms of each of the first and the second jaw members are longitudinally disposed on the inner facing surface of each jaw member.

Claims 5 - 10 (Canceled).

Claim 11 (Currently Amended): A bipolar electrosurgical forceps, comprising:

a shaft portion having a proximal end and a distal end;

first and second jaw members pivotally attached to the distal end of the shaft by a pivot assembly, each of the jaw members comprising an opposing inner facing surface having a plurality of separate and different wave forms disposed thereon, the opposing inner facing surfaces capable of engaging tissue therebetween;

the plurality of wave forms disposed on the inner facing surface of the second jaw member being complimentary to the plurality of wave forms disposed on the inner facing surface of the first jaw member;

the inner facing surface of at least one of the jaw members having at least one fenestrated portion disposed therethrough; and

a handle portion attached to the proximal end of the shaft, the handle portion having an activator assembly disposed therein for imparting movement of the first and second jaw members from a first open position wherein the jaw members are disposed in spaced relation relative to one another to a second clamping position wherein the jaw members cooperate to grasp tissue therebetween.

wherein the first of said plurality of different wave forms including large undulating wave forms with substantially large radiuses of curvature and substantially smooth complementary surfaces and the second of said plurality of different wave forms including small teeth-like wave forms with filleted peaks disposed thereon configured to reduce areas of high current concentration during electrical activation.

Claim 12 (Original): A forceps according to claim 11 wherein the inner facing surfaces of both of the jaw members have at least one fenestrated portion disposed therethrough.

Claim 13 (Original): A forceps according to claim 12 wherein at least one of the fenestrated portions of the inner facing surface of the first jaw member is vertically aligned with at least one of the fenestrated portions of the inner facing surface of the second jaw member.

Claims 14 - 18 (Canceled).

Claim 19 (Withdrawn): A forceps according to claim 11 wherein at least one portion of the inner facing surface of each of the jaw members is coated with a non-stick coating.

Claim 20 (Withdrawn): A forceps according to claim 11 wherein at least one portion of each of the inner facing surfaces of each of the jaw members is nonconductive.

Claim 21 (Withdrawn): A forceps according to claim 11 wherein at least one portion of each of the inner facing surfaces of each of the jaw members is semi-conductive.

Claims 22- 30 (Canceled).